



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Pang et al

Art Unit No.: 1631

Serial Number: 09/462,094

Examiner: M. Borin

Filed: January 11, 2000

Atty. Docket No.: 108061-09012

For: A PREPARATION DERIVED FROM SHARK CARTILAGE FOR  
TREATMENT OF DISEASES RELATED TO EXCESSIVE PHF OR EXCESSIVE  
INTRACELLULAR CALCIUM

AMENDMENT UNDER 37 C.F.R. §1.121

Commissioner of Patents  
Washington, D.C. 20231

October 15, 2002

Sir:

In reply to the outstanding Office Action dated April 15, 2002, please  
amend the application as follows:

IN THE CLAIMS:

Kindly cancel claim 2 without prejudice or disclaimer.

Please add the following new claims to the application.

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--19. The shark cartilage extract with anti-PHF activity according to claim 1, wherein the shark cartilage extract is produced by the following steps:

extracting cleaned, dried, ground shark cartilage with H<sub>2</sub>O at a temperature between 4-120°C for 2-4 hours,

centrifuging the resulting suspension 1 at between 5200 to 5700 rmp to separate the suspension into supernatant 1 and pellet,

holding the supernatant 1 in a cooling tank at 4-8°C,

extracting the pellet a second time with H<sub>2</sub>O at a temperature between 4-120°C for 2-4 hours,

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